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What is claimed is:

1. An organic electroluminescent element comprising a component layer including a light emission layer, wherein the light emission layer contains a phosphorescent compound, and the component layer contains a compound represented by the following formula 1,

Formula 1

$$A-(z)_n$$

wherein A represents a substituted or unsubstituted aromatic ring residue; n is a natural number of from 3 to 6; and Z represents a monovalent organic group represented by the following formula 2, provided that formula 1 does not have an n-fold axis of symmetry,

Formula 2

wherein L represents a chemical bond or a divalent linkage group; and Cz represents a substituted or unsubstituted carbazole residue.

2. The organic electroluminescent element of claim 1, wherein the light emission layer contains the compound of formula 1.

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3. The organic electroluminescent element of claim 1, wherein n in formula 1 is 3, provided that the formula 1 does not have a 3-fold axis of symmetry.

- 4. The organic electroluminescent element of claim 1, wherein the aromatic ring of the aromatic ring residue represented by A of formula 1 is an aromatic ring selected from the group consisting of a benzene ring, a pyridine ring, a pyridazine ring, a pyrimidine ring, a pyrazine ring, a 1,3,5-triazine ring, a 1,2,4-triazine ring, a pyrrole ring, an imidazole ring, a furan ring, a thiophene ring, and a condensed aromatic ring which two or more thereof are condensed to form.
- 5. The organic electroluminescent element of claim 1, wherein in formula 1, at least one Z has a chemical structure different from that of another Z.
- 6. The organic electroluminescent element of claim 4, wherein the aromatic ring of the aromatic ring residue is a benzene ring, a pyridine ring, or a 1,3,5-triazine ring.
- 7. The organic electroluminescent element of claim 1, wherein in formula 2, L is a chemical bond or a group selected from the group consisting of arylene, heteroarylene, alkenylene and $-Si(R)_2$ in which R represents an alkyl group a cycloalkyl group, an alkenyl group, an alkinyl group, an

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aryl group, a heteroaryl group, a saturated heterocyclic group or a halogenated hydrocarbon group.

- 8. The organic electroluminescent element of claim 7, wherein L is a chemical bond.
- 9. The organic electroluminescent element of claim 1, wherein the phosphorescent compound is a complex containing a metal belonging to a group VIII of the periodic table as a center metal or a complex containing a rare earth element as a center element.
- 10. The organic electroluminescent element of claim 9, wherein the phosphorescent compound is an iridium complex, an osmium complex, or a platinum complex.
- 11. The organic electroluminescent element of claim 10, wherein the phosphorescent compound is an iridium complex.
- 12. A display comprising the organic electroluminescent element of any one of claims 1 through 11.